OPL3-SAx

Device Driver Installation
Under
Windows 95

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OPL3-SAx Device Driver INSTALLATION Under Windows 95

Introduction

The OPL3-SAx device driver is supplied on a CD-ROM diskette. Please install the Windows 95 device driver when using the sound card under the Windows 95 system.
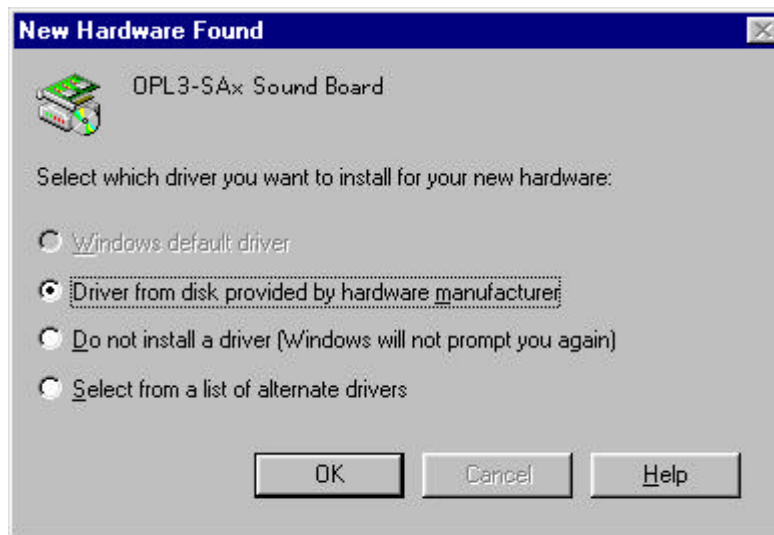
Installing DEVICE DRIVER Under Windows 95

The OPL3-SAx Sound Board supports Windows 95 Plug-and-Play. When you start Windows 95, the automatic search option for the Add New Hardware Wizard works as described below.
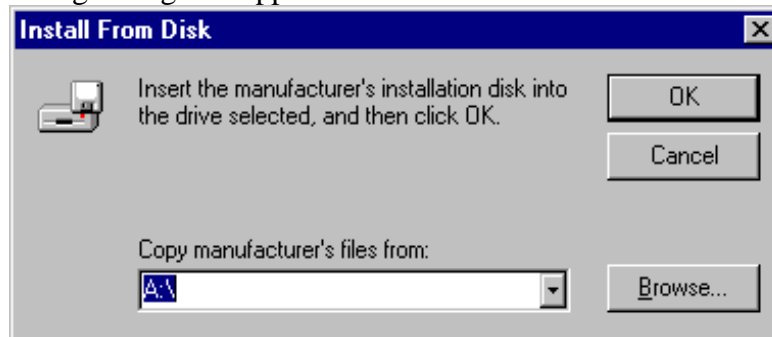
NOTE: Please don't plug sound card before you finish win95 install.

A

1.) The following **"New Hardware Found"** dialog box appears. Select **"Driver from disk provided by hardware manufacturer"** as shown below, then click the **OK** button.
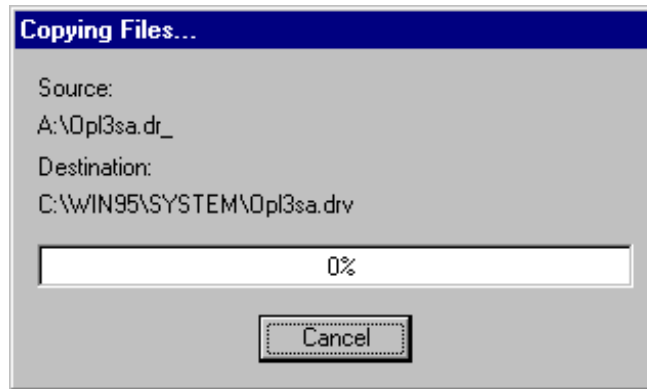
2.) The following dialog box appears.

Insert the CD title into the CD-ROM drive and type **E:\WIN95**, assuming that your CD-ROM drive is **E,** then click the **OK** button.

3.)   The drivers are going to be installed into your hard disk drive.

This is for the YAMAHA OPL3-SAx Sound system installation.
The game port joystick driver is detected and installed automatically.

B

1.)   The following **"New Hardware Found"** dialog box appears. Select **"Do not install a driver (Windows will not prompt you again)"** as shown below, then click the **OK** button.
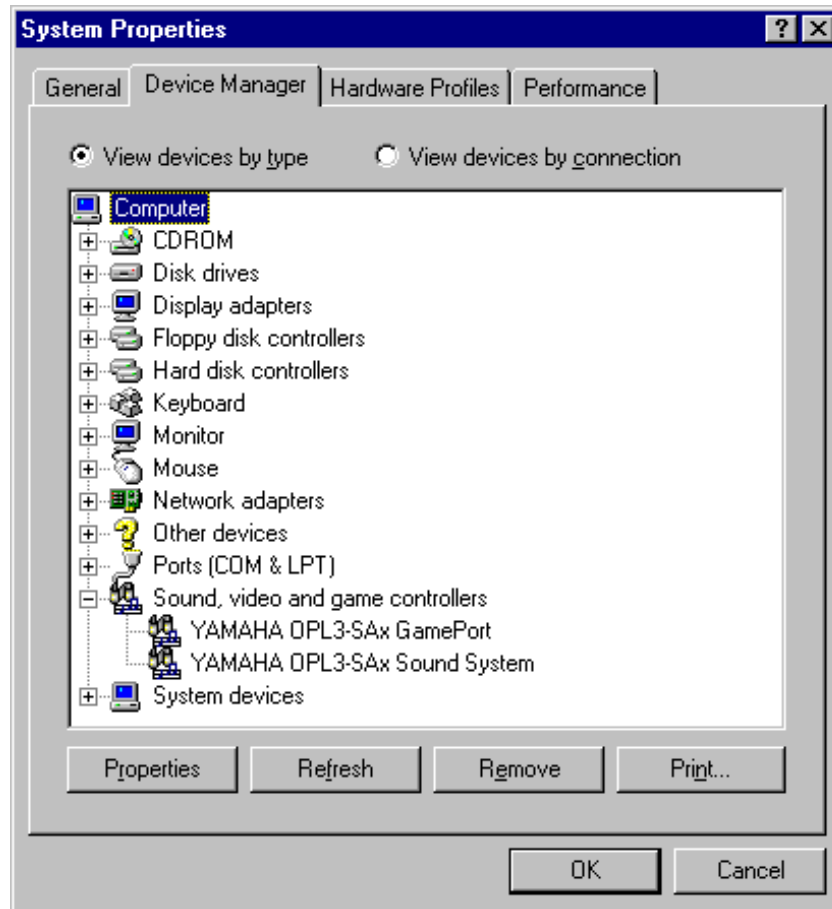

3.)   To make sure that the OPL3-SAx driver has been installed correctly, open the **System Properties** dialog box in the **Control Panel** as shown on the next page.

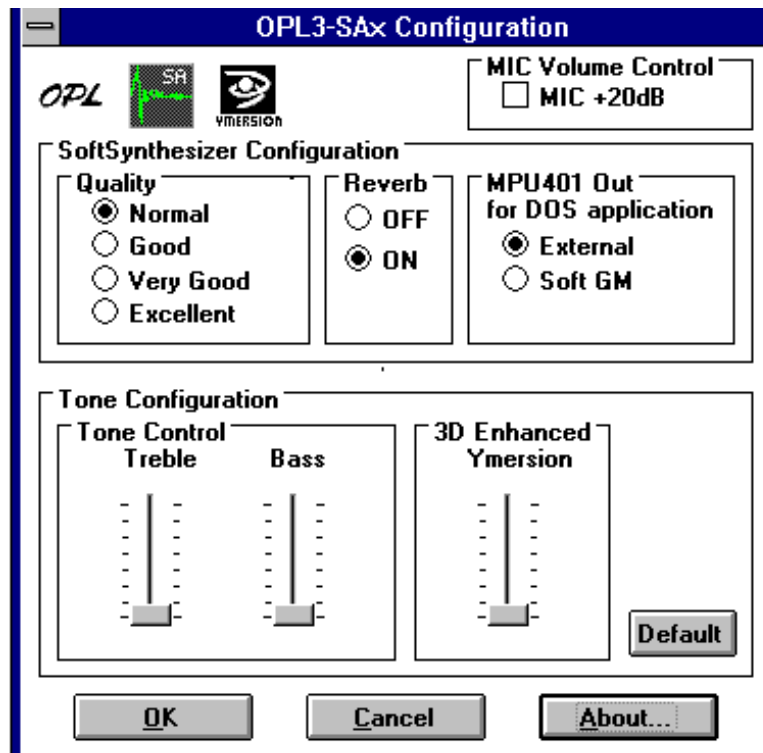You can find in "Sound, video and game controllers" the following devices:

Example 1:

If **"YAMAHA OPL3-SAx Game Port"** and **"YAMAHA OPL3-SAx Sound System"** appear, the installation is successfully completed.

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OPL3 SAx Configuration

The Soft Synthesizer supports the GM System Level 1 MIDI data. Its volume is adjusted by the Wave volume control. The **OPL3-SAx Config** icon SoftSynth in the **Control Panel,** as shown on the next page, is used to setup the Soft Synthesizer.

Quality

These four options determine the sound quality (i.e., sampling rate) and the number of voices that the SoftSynth can produce simultaneously. Select a mode appropriate for the CPU performance of your computer. If you choose a high quality mode and your computer does not have adequate processing performance, the SoftSynth may not produce sound fluently. In this case, select a lower quality mode.

Mode	Sampling Rate (kHz)	Max Voices
Normal	11.025	16
Good	22.050	16
Very Good	22.050	24
Excellent	22.050	32

MIC Volume Control

Choose ☑ for a +20db MIC gain. Otherwise, the default setting is OFF.

Reverb

If you choose **ON**, you can add **Reverb** to the sound of the SoftSynth.

MPU401 OUT

These settings allow you to select an external MIDI instrument or the SoftSynth for the use with DOS-based games that are played on the Window box. The **MS-DOS Prompt** item in the **Main Program Group** opens a MS-DOS window. Select **General MIDI** in the game settings to use this function.

Note: If you no "Daughter board or Hardware Wavetable" , this function will be disable

　　　　when you select "YAMAHA OPL3-SAx MPU-401" on control panel.

Full Duplex

It is possible to record a new Wave file while playing an existing Wave file.

> **NOTE:** SoftSynth/WaveOut of OPL3-SAx is a cooperative mode. You can play Wave data and SoftSynth MIDI simultaneously.
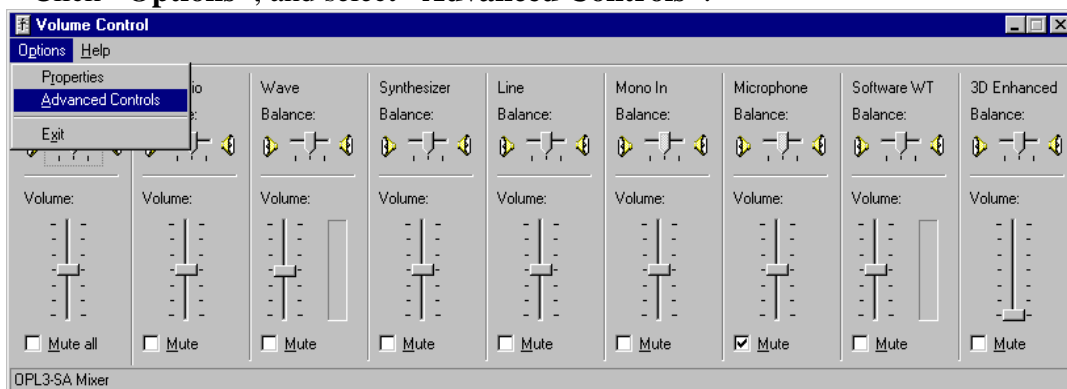
Installing the APPLICATION (YSTATION)

- If you want install Audio Rack application **"YSTATION"** , please insert CD title to CD-ROM.
- Select " SETUP " directory and execute " setup.exe ".
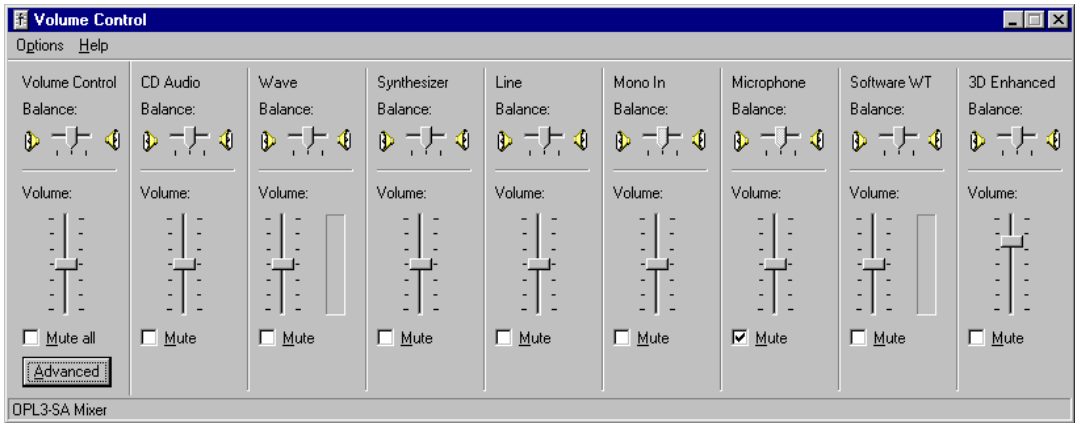- Follow it until install program complete .

YMERSION Control Supported by OPL3-SAx

YMERSION, on-chip Yamaha 3D sound enhancement, can be controlled by the Windows 95 standard **Volume Control**.
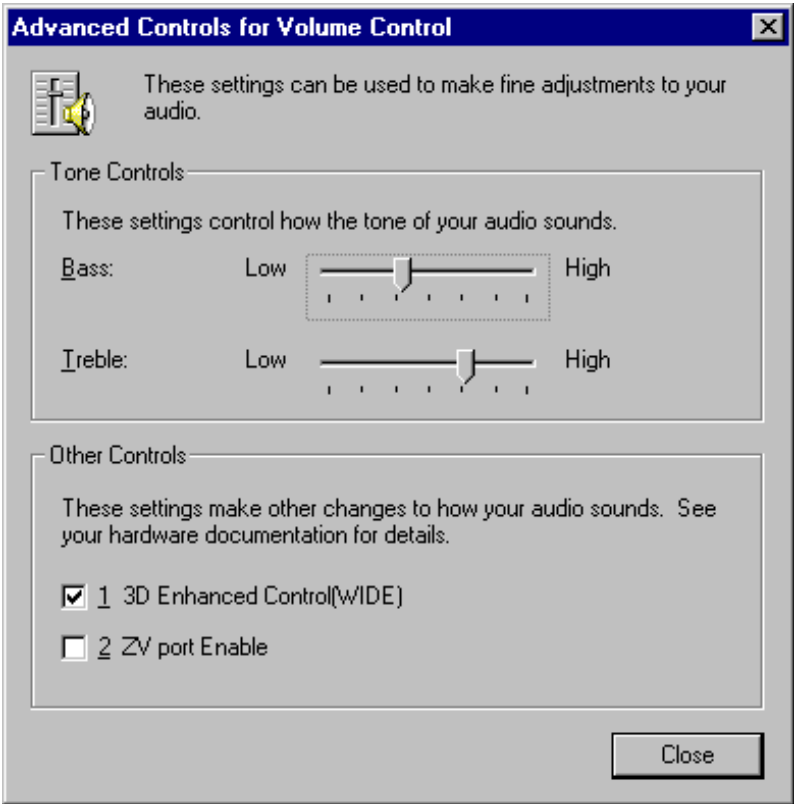
1) Click **"Options"**, and select **"Advanced Controls"**.

2) Click the left-bottom **"Advanced"** control button and the next dialog box as shown on the following page will appear.

3) **Bass**, **Treble** and **3D Enhanced Control (WIDE)** are independently controlled. Check the button of **3D Enhanced Control** to activate 3D enhancement ON (WIDE).

When **"3D Enhanced Control (WIDE)"** is checked, wide control of 3D Enhancement on the volume control is valid.

NOTE: Do not check **"2 ZV port Enable"** while the ZV port is not supported.

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